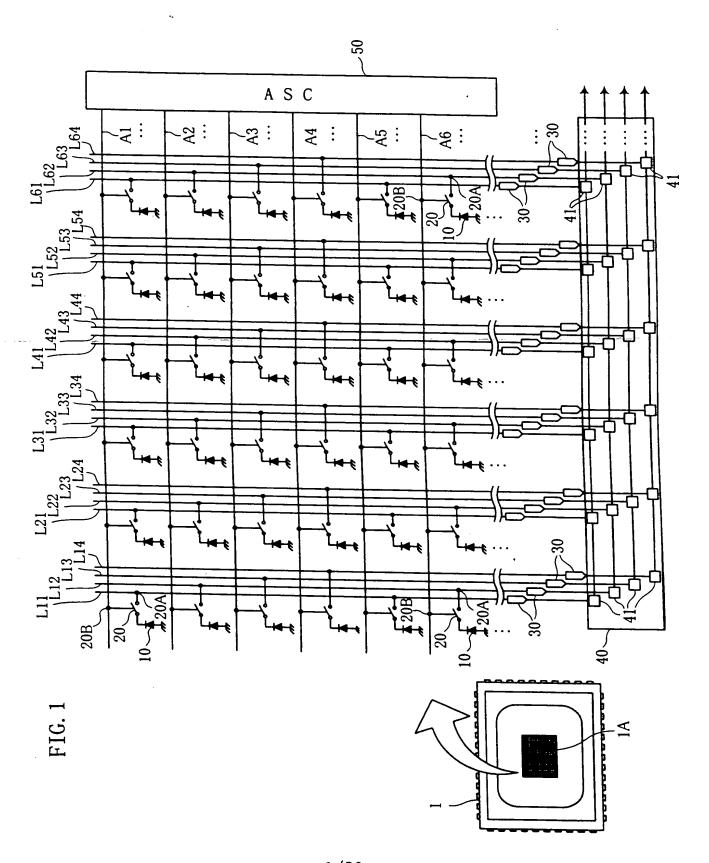
Inventor: SHIMIZU
Docket No.: 10921.0295USWO
Title: AREA IMAGE SENSOR
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
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Docket No.: 10921.0295USWO
Title: AREA IMAGE SENSOR
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
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FIG. 2

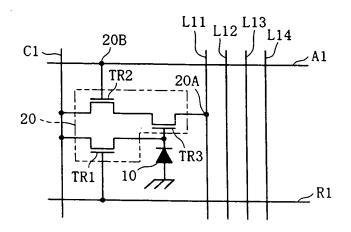
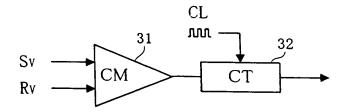
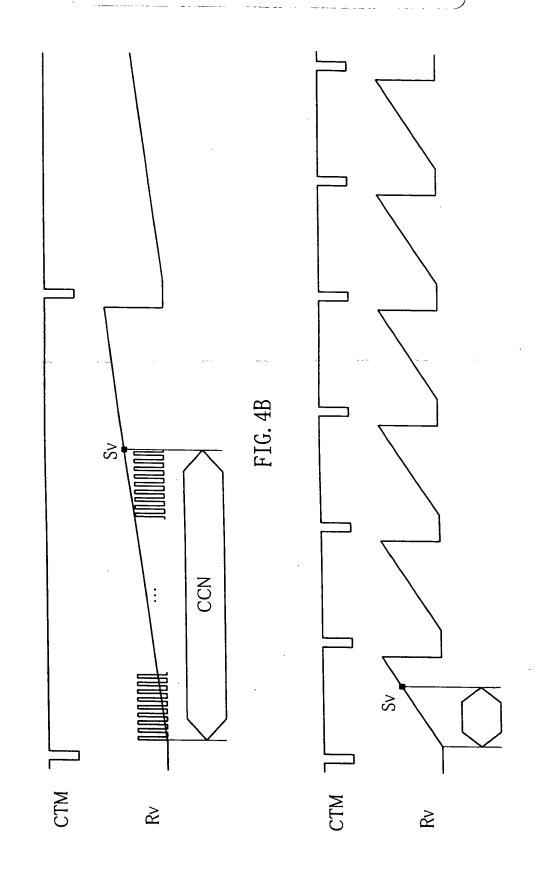


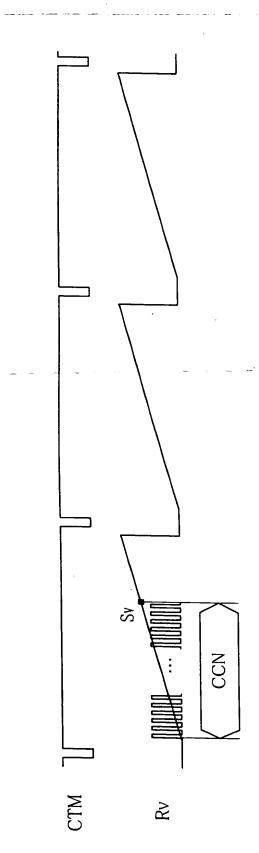
FIG. 3



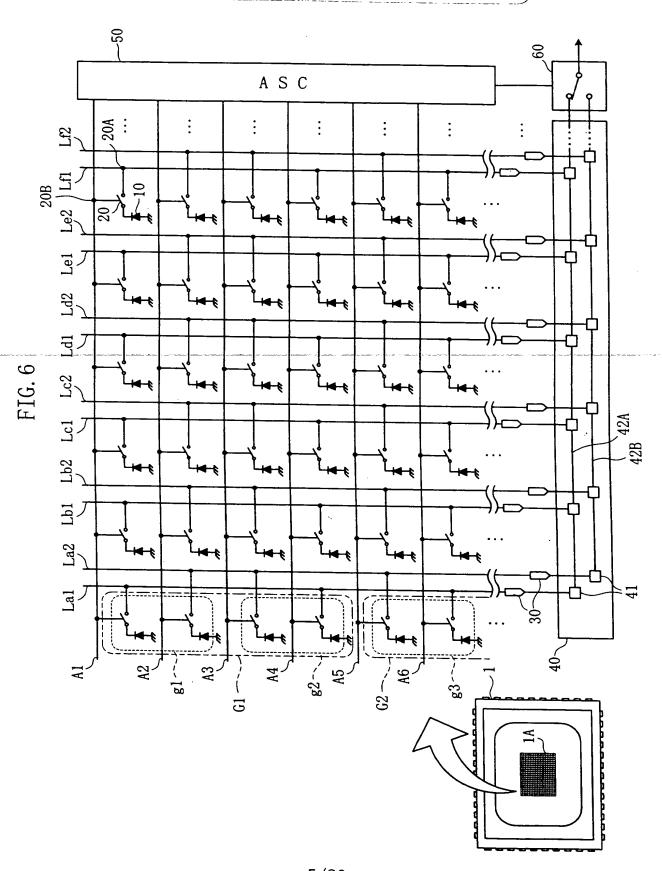
Inventor: SHIMIZU
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Attorney Name: Douglas P. Mueller
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Attorney Name: Douglas P. Mueller
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FIG. 7

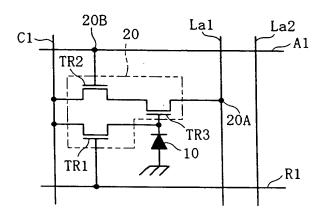


FIG. 9

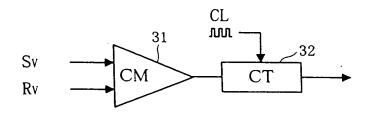
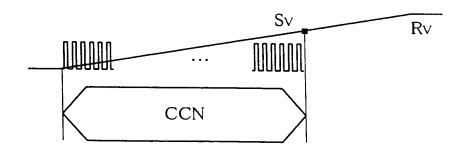


FIG. 10

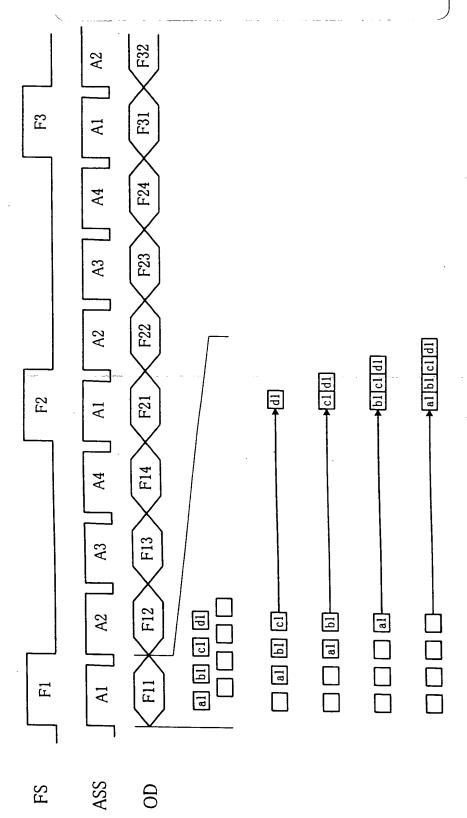


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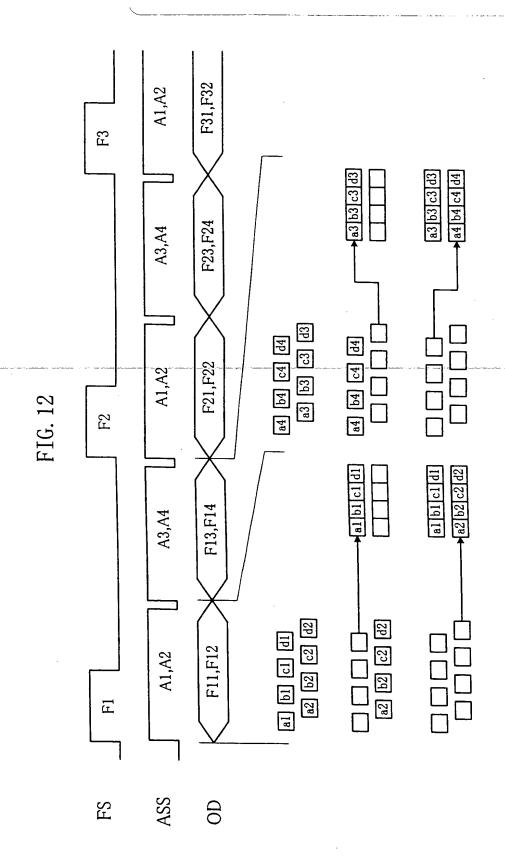
FIG. 8

						OM	FS	SS1/2	SS1/4	SS1/8	SS1/16
						CF	1/2f	1/4f	1/8f	1/16f	1/32f
					Px	SL	L1 L2	L1 L2	L1 L2	L1 L2	L1 L2
				g ₁	P1	L1	1	1	1	1	1 3
		:	C1	⁶¹	P2	L2	1	0	0	0	0
			G1	g2	P3	L2	1	1	0	0	0
		G#1			P4 P5	L1	1	0	0	0	0
		Oiii		g3	P5	L2	1	1	1	0	0
			G2	ٳ؞؞ؖڐ	P6	L1	1	0	0	0	0
			02	g4	P7	L1	1	1	0	0	0
	G%1	ļ	=	آي آ	P8	L2	1	0	0	0	0
				g5	P9	L2	1	1	1	1	0
			G3		P10	L1	1	0	0	0	0
			- 00	g6	P11	L1	1	1	0	0	0
		G#2		الم	P12	L2	1	0	0	0	0
				g7	P13	L1	1	1	1	0	0
			G4	-	P14	L2	1	0	0	0	0
				g8	P15	L2	1	1	0	0	0
G&1	i	= ¦	=	F	P16	L1	1	0	0	0	0
				g9	P17	L2		1	1	1	1
			G5	-	P18	L1	1	0	0	0	0
				g10	P19 P20	L1	-		0	0	0
		G#3		r 7	P20	L2 L1	1	0	0	0	0
				g11	P21 P22			1	1	0	0
			G6	!	P23	L2 L2	1	0	0	0	0
				g12	P24	L1	1		0	0	0
	G%2	i	=		P25	L1	1	0	0	0	0
				g13	P26	L2	1	0			
			G7	}	P27	L2	1	1	0	0	0
				g14	P28	L1	1	0	0	0	0
		G#4		гг	P28 P29 P30	L2	1	1	1	0	0
				g15	P30	L1	1	0	0	0	0
			G8	lF	P31	L1	1	1	0	0	0
				g16	P32	L2	1	0	0	0	0
'	- '	- '	_		102		<u> </u>	U			<u> </u>

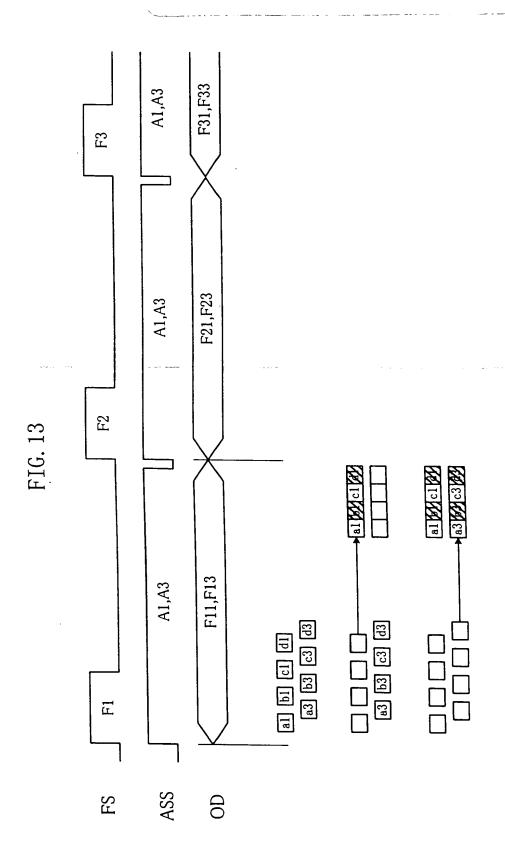
Inventor: SHIMIZU Docket No.: 10921.0295USWO Title: AREA IMAGE SENSOR Attorney Name: Douglas P. Mueller Phone No.: 612.371.5237 Sheet 8 of 20



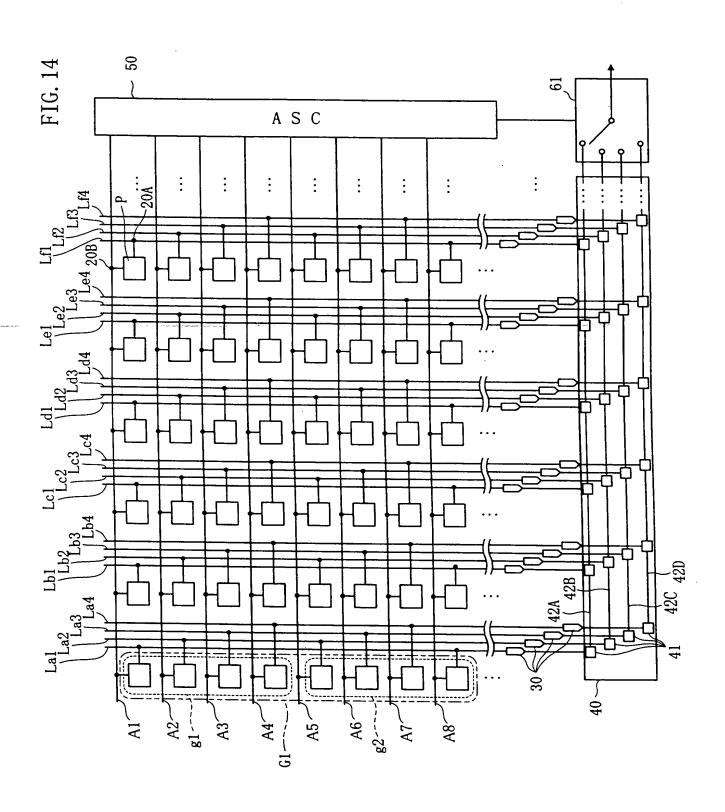
Inventor: SHIMIZU Docket No.: 10921.0295USWO Title: AREA IMAGE SENSOR Attorney Name: Douglas P. Mueller Phone No.: 612.371.5237 Sheet 9 of 20



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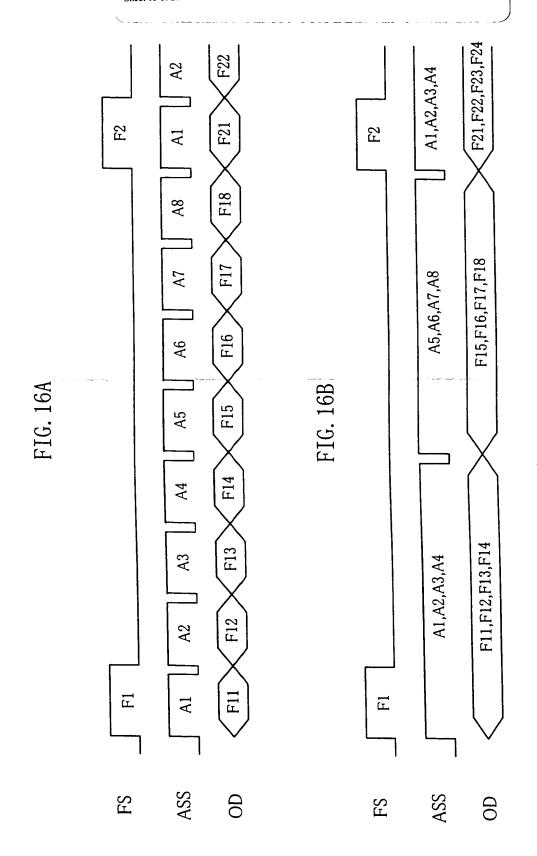
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FIG. 15

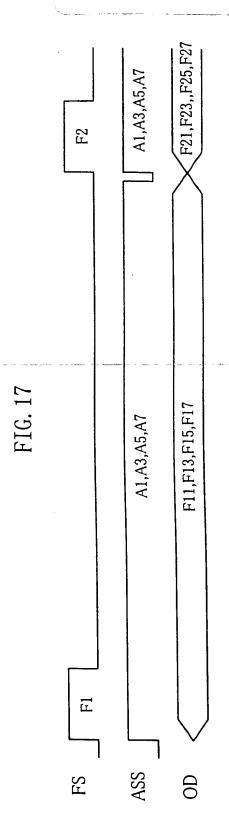
					OM	FS	SS1/2	SS1/4	SS1/8
•					CF	1/4f	1/8f	1/16f	1/32f
		_		Px	SL	L1 L2 L3 L4	L1 L2 L3 L4	L1 L2 L3 L4	L1 L2 L3 L4
ľ				P1	LI	1	Mark Market 1:	1 253/11	+1047517111世界34
			gl	P2	L2	The same of the sa	0	0	0
				P3	L3	· · · · · · · · · · · · · · · · · · ·	Contraction of the contraction	0	0
		Gı	Ļ	P4	L4	44	0	0	0
	- 1	01		P5	L2	1 . 7 7 18	1	1	0
			g2	P6	L3	1	0	0	0
	i			P7	L4	is a serial particle.	$\sim 6\%$. The ~ 1	0	0
	G#1		<u> </u>	P8	L1	1	0	0	0
		ĺ		P9	L3	1 4 7	1	1	沙湖縣江州1回城。
l			g3	P10	L4	1"	0	0	0
l			Ŭ	P11	L1	1	Lea gen	0	0
ļ		G2	Ļ	P12	L2	1	0	0	0
1		02		P13	L4	· 6 · 11	1 - 25	* *** 1 .:	0
			g4	P14	L1	1	0	0	0
1				P15	L2	1	1 100	0	0
G%1	ļ	= -	<u> </u>	P16	L3		. 0	0	0
	- 1			P17	L2	A 1 10 A	The state of	1 1105	《李孙。1794年前28
ĺ			g5	P18	L3	1	0	0	0
			9-	P19	L4	- 1 og 0 5∰ 1 5	73章: 11	0	0
	i	G3	Ļ	P20	L1	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	0	0	0
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i			g6	P22	L4	and the second	0	0	0
				P23	L1	1	for promittance is the second	0	0
	G#2	ļ	₌	P24	L2	1	0	0	0
				P25	L4		- 25時間、1171		
	- 1		g7	P26	L1	1 中国国家	0	0	0
			Ĭ	P27	L2	1 计算	1	0	0
		G4	Ļ	P28	L3	1·	0	0	0
j		01	ŀ	P29	L1		1,5	1	0
		- 1	g8	P30	L2	1	0	0	0
			3-	P31	L3	1 18 18	1.11	0	0
L	. L	- l	- L	P32	L4	· · · · · · · · · · · · · · · · · · ·	0	0	0
									<u>_</u>

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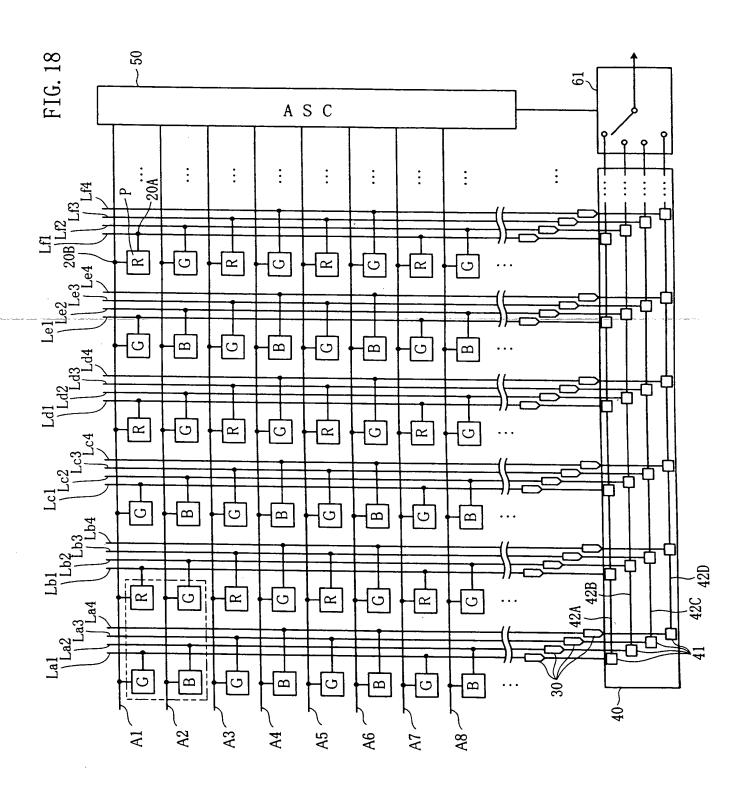
Inventor: SHIMIZU
Docket No.: 10921.0295USWO
Title: AREA IMAGE SENSOR
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
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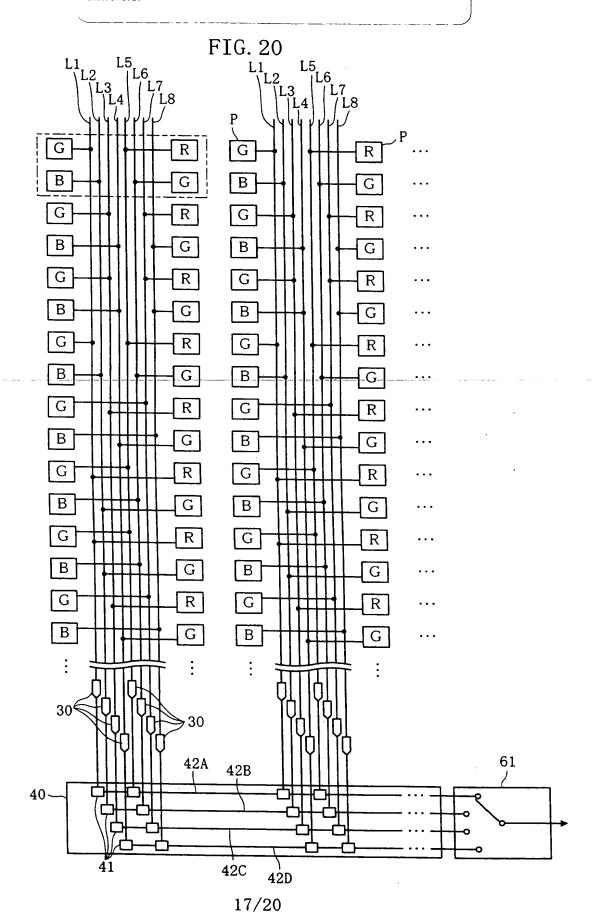
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Attorney Name: Douglas P. Mueller
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FIG. 19

						0		-		FS	П	SS1/2		SS1/4		SS1/	⁷ 8	\neg
				L		C				1/4f		1/8f		1/16f		1/32	2f	
_				L	SPx		S	<u>L</u>		L1 L2 L3 L	4	L1 L2 L3 L4	L1	L2 L3 L4	L1	L2 I	L3 L	.4
	1				P1	L1				1		71 %	_1	14 THE 2	141		e gr	
i			gl	Į	P2		L2			1 1	1	1111		1 72	Light de la constant	1	and the	Tipe of
ļ			81	1	P3	<u> </u>		L3		1	H	0		0			0	
		G1	Ļ	- Ľ	P4				L4	and the second s		0		0			(0
		01		_	P5			L3		1	4elê	Service California (C. 1)		0			0	
1			g2		P6				L4	All or Party in the		17		0				0
ļ	ļ		ا-°		P7	<u>L1</u>				1		0	0		0			
1	G#1	ļ	ַ ַ		P8		L2			in a fill a section of		0		0		0		
İ	0,,,,				P9			L3		- 199 - 19 mil	1	e la		· Mark Samp 1 PROPERTY			0	\Box
			g3		P10				L4			franklin i sali					- (0
I			0		P11	<u>L1</u>				1 - 1		0_	0		0			\neg
I		G2	Ĺ		P12		L2			1	Ap opt	0		0		0		\Box
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I			g4		P14		L2				160 180	AND COMPLETE THE PROPERTY OF		0		0		
				-	P15			L3		Said Had at a Had Said	44.5	0		0			0	╗
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			80		P19	L1				1	1	0	0		0			╗
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l	- 1	UJ		[]	P21	L1				1 The section of		51 Table Commence	0		0			П
	1		g6	1	P22		L2				*1124 1	Almon Alight (1945) (144-45).		0		0		ヿ
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Inventor: SHIMIZU Docket No.: 10921.0295USWO Title: AREA IMAGE SENSOR Attorney Name: Douglas P. Mueller Phone No.: 612.371.5237

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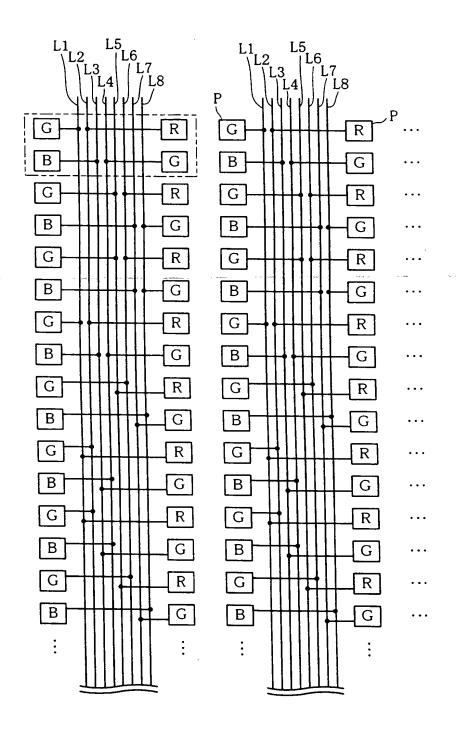
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Attorney Name: Douglas P. Mueller
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SS1/8 1/32f	L1 L2 L3 L4 L5 L6 L7 L8			0	0	0	0	0	0	0	0	0	0	0	0	0	0		THE PARTY OF THE PROPERTY OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS1/4 1/16f	<u> </u>			0	0	0	0	0	0		【据機制機的表明》時的時	0	0	0	0	0	0			0	0	. 0	0	0	0	Kindile di sha Libedilibadi		0	0	0	0	0	0
SS1/2 1/8f	L1 L2 L3 L4 L5 L6 L7 L8			0	0		阿斯姆斯阿斯	0	0			0	0	种性的制造。1. 医生物	arana, le communica	0	0			0	0			0	0			0	0			. 0	0
FS 1/4f	L1 L2 L3 L4 L5 L6 L7 L8										4.5.4. 据解制编制制	14 4 2 4 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1. 11.15.4.4.4.3.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1		的是特殊的的。例如阿姆斯特特的 1000 mg 1200 mg 1200 mg 1200 mg 1200 mg 1200 mg 1200 mg 1200 mg 1200 mg 1200 mg 1200 mg 1200 mg	の でもので、 大路路路を開かられ	11個個個個個個個個的							HORACIA INCIDENTALIANDO									
OM CF	SF		L2	L3	[L4	F3	L4	L1	L2	L7	87	T2	9T	1.5	97	L7	8T	L3	1.4	[L1	L2	L1	L2	FT	L4		P 797	L7	18 T	L7	18T	L5	97
	SPx	P1	p. P2			r P5	99 P6	8c P7	P8	ر ل <u>6</u>	9 P10	65 P11	P12	P13	P14	84 P15	L L P16	[P17	P18	61d P19	P20		P22	80 P23	L L P24	Г Г P25	P26	8' P27	P28	P29	P30	80 P31	P32
		G#1 G2 G3														G#2																	

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FIG. 22



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SS1/8	1/32f	L2[L3[L4[L5]L6[L7[L8]L1]L2[L3]L4[L5]L6[L7]L8			0		0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0 .	0	0	0
SS1/4					0	0	0	0	0	0			0	0	0	0	0	0			$\overline{0}$	0	0	0	0	0				0	0	0	0	0
SS1/2		L1 L2 L3 L4 L5 L6 L7 L8 L1			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0
FS		L1 L2 L3 L4 L5 L6 L7 L8 L1																																
WO	L.	SL	L1	L3	L5	L7	L5	L7	L1	L3	Te l	L8	L2	L4	L2	L4	97	F8	L5	L7	L1	L3			T2	L7	L2	L4	9T	87	9T	1.8	L2	L4
	ć	X X	P1	P2	P3	P4	P5	P6	Ь7	P8	Р9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23	P24	P25	P26	P27	P28	P29	P30	P31	P32
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